H50

Digital Cinema DLP™ Projector

Optoma's home theater projectors represent quality engineering and a brand new life style. They are designed and fine-tuned specifically for use in your home theater. The projector is formatted for wide screen HDTV and reveals deep, rich colors, defining images in vivid detail for the ultimate home theater experience. Projecting large images that liberate your senses, Optoma's Home Theater projectors defy the conventional constraints of projection viewing, illuminating impressive blacks and color reproduction. Balancing sleek aesthetic form with home theater function, Optoma brings it home, a whole new life style.

- **Advanced DLP™ (Digital Light Processing) Technology**
- **Fully HDTV compatible (480i/p, 720p, and 1080i)**
- **Excellent contrast ratio of 800:1 gives you precise, vivid colors and unyielding blacks with exact color reproduction and immense depth of field.**
- **Optoma's adjustable color matrix regulates reds, greens and blues independently of one another.**
- **Near-silent 32 dB operation eliminates unwanted noise, enabling you to fully experience the great sound your system can deliver.**

Specifications

Brightness:
1200 ANSI Lumens

HDTV:
480i, 480p, 576i, 576p, 720p, and 1080i

Resolution:
800 x 600 SVGA

Contrast Ratio:
800:1 (Full On / Full Off)

Lamp:
200W UHP lamp
2,000 hours

Display Type:
0.7" Digital Light Processor

Color Palette:
16.7M colors

Throw Ratio
2.1 - 2.5

Image Size:
22.4" – 281.1" diagonal

Projection Distance:
3.7' to 39.4'

Compatibility:
SVGA, VGA, VESA, Mac,
XGA compression
Full NTSC/PAL/SECAM

Horizontal Scan Rate:
15 ~ 100 kHz

Vertical Refresh Rate:
43 ~ 120 Hz

Multimedia Audio:
Two stereo speakers each with 3W output

User Controls:
Complete on-screen menu
Adjustments

I/O:
DVI, RGB HD15, Mini Din S-Video, RCA Composite, RS-232, 12V Screen Trigger, Audio Mini jacks for PC & Videos

Power Consumption:
320 watts (max.)

Projection Lens:
F/2.44 ~ 2.69, f = 28.8 ~ 34.5mm
1:1.2 manual zoom and focus

Temperature:
Operating Temp:
10° ~ 40° C / 50° ~ 104° F
Humidity 80% maximum
Storage Temp:
-20° ~ 60° C / -4° ~ 140° F
Humidity 80% maximum

Weight:
6.4 pounds (2.9 kg)

Dimensions (W x H x D):
10.9 x 3.3 x 8.9 inches
(277 x 85 x 255 mm)

Limited Warranty:
Three year, limited parts and labor

Optional Accessories:
Extended Warranty
Gold Service
Ceiling Mount Kit

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